

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for coating at least a portion of at least one device, comprising:
arranging on a surface of a substrate a solution;
directing a beam at the substrate, the beam heating the substrate; and
arranging the at least one device in an ejection cone formed by a vaporization of the solution,
wherein the solution is vaporized by a heat transfer from the substrate to the solution.
2. (Canceled).
3. (Original) The method of claim 1, wherein the ejection cone includes one of a vaporized solution and an atomized solution, the atomized solution being formed by an explosive vaporization of the solution.
4. (Original) The method of claim 1, wherein the solution includes a bioactive agent dissolved in a solvent, the solvent having a boiling point less than a thermal damage temperature of the bioactive agent.
5. (Original) The method of claim 4, further comprising ejecting by a vaporization of the solution at least a portion of the bioactive agent into the ejection cone.
6. (Original) The method of claim 4, wherein the bioactive agent includes at least one of a drug and a polymer.

7. (Original) The method of claim 4, further comprising, after the directing of the beam operation, directing a gas flow to transport the bioactive agent to the at least one device.
8. (Original) The method of claim 1, further comprising: enclosing the substrate and the at least one device in an enclosure; and removing by a pump the solvent in the vaporization of the solution from the enclosure.
9. (Original) The method of claim 8, wherein the enclosure is maintained at a partial vacuum.
10. (Original) The method of claim 1, wherein the arranging of the solution is by one of spraying and spin coating.
11. (Original) The method of claim 1, wherein the solution absorbs about zero energy of the beam.
12. (Original) The method of claim 1, wherein the substrate is one of flat, concave, and convex.
13. (Original) The method of claim 1, wherein the beam is one of a laser beam, an electron beam, and a light beam produced by a flashlamp.
14. (Original) The method of claim 1, wherein the beam is pulsed.
15. (Original) The method of claim 1, further comprising moving the beam with respect to the substrate.
16. (Original) The method of claim 1, further comprising moving the substrate with respect to the beam.
17. (Original) The method of claim 1, wherein the at least one device includes at least one

medical appliance.

18. (Currently Amended) The method of claim ~~[[18]]~~17, wherein the at least one medical appliance includes at least one stent.

19. (Original) The method of claim 1, further comprising: arranging on the solution another solution, the other solution including a bioactive agent dissolved in a solvent; and ejecting by the vaporization of the solution at least a portion of the other solution into the ejection cone.

20. (Currently Amended) The method of claim ~~[[20]]~~19, wherein the arranging of other solution is by one of spraying and spin coating.

21. (Currently Amended) The method of claim ~~[[20]]~~19, wherein the other solution absorbs about zero energy of the beam.

22. (Currently Amended) The method of claim ~~[[20]]~~19, wherein: the solvent of the other solution has a higher boiling point than a boiling point of the solution; and the boiling point of the solution is less than a thermal damage temperature of the bioactive agent.

23. (Currently Amended) The method of claim ~~[[20]]~~19, wherein the bioactive agent includes at least one of a drug and a polymer.

24-45. (Canceled).